

American River Basin  
INTEGRATED REGIONAL WATER MANAGEMENT PLAN  
PLANNING FORUM

AGENDA

October 23, 2017, 1:00 pm  
Regional Water Authority  
5620 Birdcage Street, Suite 110  
Citrus Heights, CA

1. Introductions
  2. Public Comment
  3. Informational Updates
    - Regional Storm Water Resources Plans
    - Other Current Regional Planning Efforts
  4. Review of 2016 IRWM Planning Standards
- Break
5. IRWM Plan Governance Structure
  6. Discussion of Revised Goals, Objectives, and Strategies
  7. Discussion and Input on Project Scoring and Vetting Process
  8. Next Steps and IRWM Plan Update Schedule
    - Next Workshop: January 22, 2018

# AMERICAN RIVER BASIN INTEGRATED REGIONAL WATER MANAGEMENT PLAN OCTOBER 2017 PLANNING FORUM

Monday, October 23, 2017; 1:00 pm  
5620 Birdcage Street, Suite 110  
Citrus Heights, CA 95610  
(916) 967-7692

## ATTENDEES

Central Valley Regional Water Control Board	Christine Joab
City of Folsom	Marcus Yasutake
City of Sacramento	Roshini Das
Cosumnes Coalition/ Valley Foothill Watersheds Collaborative	Melinda Frost-Hurzel
Department of Water Resources	Teji Sandhu
Environmental Justice Coalition for Water	Angelica Ruiz
LWVoter – Water Forum	Rick Bettis
Mission Oaks Recreation & Park District	TJ Newman
Placer County Flood Control and Water Conservation District	Brian Keating
Placer County Water Agency	Brent Smith
Placer County Water Agency	Brian Rickards
Regional Water Authority	Rob Swartz
Rio Linda/Elverta Community Water District	Mitch Dion
Sacramento Area Creeks Council	Alta Tura
Sacramento Area Flood Control Agency	Gary Bardini
Sacramento Area Flood Control Agency	Mick Klasson
Sacramento State University, Office of Water Programs	Maureen Kerner
San Juan Water District	Rob Watson
Stantec	Kirsten Pringle
Stantec	Rebecca Guo
Stantec	Vanessa Nishikawa
Valley Foothill Watersheds Collaborative	Gregg Bates

## MEETING SUMMARY

- Presentation topics included: American River Basin (ARB) and West Slope Stormwater Resource Plans; 2016 Integrated Regional Water Management (IRWM) Planning Standards; IRWM Plan governance structure; ARB IRWM Plan 2018 Update revised goals, objectives, and strategies; and project scoring and vetting process.
- There was no public comment.
- Meeting participants' questions and feedback:
  - Regional Stormwater Resource Plans Informational Update:
    - Conduct outreach on the West Slope Stormwater Resource Plan to the Cosumnes, American, Bear, and Yuba IRWM group.

- Add a question to Opti to identify projects that are not specifically stormwater related, but could be applicable to the stormwater resource plans.

#### Review of 2016 IRWM Planning Standards:

- Would the IRWM Plan consider the effects of future climate conditions? Rob Swartz, Regional Water Authority (RWA), responded that the IRWM Plan will consider the effects of the climate change and noted that the American River Basin Study will identify adaptation measures for the Basin.
- The groundwater basin should be used as a reservoir for water in the ARB Region. The use of dry wells for infiltration is a focus of the ARB Stormwater Resource Plan; however, there are permitting challenges with this infiltration method.
- IRWM Plan objectives and strategies should address the requirements of the Sustainable Groundwater Management Act (SGMA).

#### IRWM Plan Governance Structure

- There were no comments on the IRWM Plan Governance Structure.


#### Discussion of Revised Goals, Objectives, and Strategies

- Parking Lot Strategies
  - Parking Lot Strategy 1, Conjunctive Use
    - Mr. Swartz suggested developing a conjunctive use strategy focused on urban areas. Suggestions were made that this strategy should address:
      - Stormwater recharge and recharge in agricultural/rural areas.
      - Agricultural stewardship and the connection between land use and water use.
      - Floodplain management.
    - This is also a strategy outlined in the ARB Stormwater Resource Plan.
    - Conjunctive use for urban areas is beneficial to agricultural areas.
  - Parking Lot Strategy 2, Implementation of cost-effective Best Management Practices (BMP) in Urban Water Management Plans (UWMPs):
    - Mr. Swartz noted that BMPs are no longer a required element of UWMPs; therefore, the strategy should be removed
  - Parking Lot Strategy 3, Non-revenue water reduction:
    - Mr. Swartz stated he will coordinate with RWA water efficiency staff to further develop the strategy.
  - Parking Lot Strategy 4, Regional and local water-energy relationships and opportunities to achieve greater resource efficiency:
    - Kirsten Pringle, Stantec, noted that the strategy will be incorporated into existing strategies.
    - This strategy should address development of a regional reporting framework around the water-energy nexus.
  - Parking Lot Strategy 5, Regional data management system for water supply systems:
    - Leave the strategy in the IRWM Plan "Parking Lot."
    - SGMA requires development of a coordinated database for each subbasin.

- Parking Lot Strategy 6, Peak demand reduction:
  - Mr. Swartz stated that peak demand reduction may be required, due to the impacts of the drought.
- Parking Lot Strategy 7, State Water Resources Control Board Biological Objectives:
  - The Biological Integrity Assessment Implementation Plan was combined with the Biostimulatory Substances Amendment and that this combined effort is ongoing. Leave this strategy in the parking lot.
  - The strategy should address the role of the U.S. Fish and Wildlife Service and National Marine Fisheries Service in developing biological objectives.
- Parking Lot Strategy 8, Outreach strategy related to agricultural water management and efficiency:
  - This strategy should address agricultural stewardship.
  - Outreach to agricultural irrigation districts could be accomplished through SGMA and outreach to/collaboration with regional groundwater sustainability agencies.

Discussion and Input on Project Scoring and Vetting Process

- There were no comments on project scoring and vetting process
- Next Planning Forum meeting scheduled for January 22, 2018 at RWA office.
- **Action Items:**
  - **RWA** to send Word version of IRWM Plan References (Section 7) to stakeholders.
  - **Stakeholders** to provide comments on IRWM Plan References by November 1, 2017.
  - **Stakeholders** to review and provide comments on IRWM Plan Goals, Objectives, and Strategies (Section 5).
  - **RWA and Stantec** to revise IRWM Plan parking lot strategies.



American River Basin  
Integrated Regional Water  
Management Plan  
2018 Update

October 23, 2017

RVA Sacramento ARB Region Stantec

### Today's Agenda

- 1 Introductions
- 2 Public Comment
- 3 Informational Updates
- 4 Review of 2016 IRWM Planning Standards

Break

- 5 IRWM Plan Governance Structure
- 6 Discussion of Revised Goals, Objectives, and Strategies
- 7 Discussion and Input on Project Scoring and Vetting Process
- 8 Next Steps

RVA Stantec

## 1. Introductions

RVA Stantec

## 2. Public Comments

RVA Stantec

## 3. Informational Updates

RVA Stantec

### Storm Water Resources Plan Development (TEMPLATE)

- American River Basin SWRP
  - Who is developing
  - Status
  - Timeline
- West Slope SWRP
  - Who is developing
  - Status
  - Timeline


RVA Stantec

## Other Current Regional Planning Efforts (TEMPLATE)

[graphic showing regional planning efforts and the relationships between them]



## 4. Review of 2016 IRWM Planning Standards



### 2016 IRWM Plan Standards


- Region Description Standard: Describe water quality conditions and likely climate change impacts
- Resource Management Strategies Standard:
  - Consider the Resource Management Strategies in the California Water Plan Update 2013
  - Identify and implement RMS and adaptation strategies that address region-specific climate change impacts
- Plan Performance and Monitoring Standard: Include policies and procedures that promote adaptive management and adjust IRWM plans accordingly



### 2016 IRWM Plan Standards

Objectives Standard:


- Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.
- Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.
- Reduce energy consumption, especially the energy embedded in water use, and ultimately reduce GHG emissions.
- Consider the strategies adopted by CARB in its AB 32 Scoping Plan.
- Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.




### 2016 IRWM Plan Standards

Project Review Process Standard:

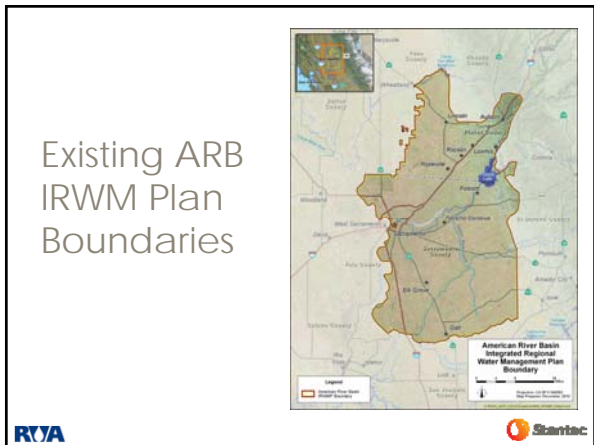
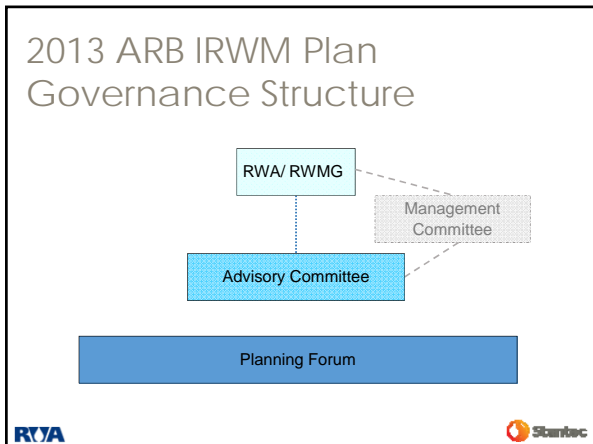
- Consider a project's contribution to climate change adaptation
- Consider a project's contribution in reducing greenhouse gas emissions, compared to project alternatives
- Consider specific benefits to critical water issues for Native American tribal communities



## BREAK (10 minutes)



## 5. IRWM Plan Governance Structure




## 7. Discussion of Revised Goals, Objectives, and Strategies

- ### Revised Goals, Objectives, and Strategies
- ✓ Incorporated stakeholder comments
  - ✓ Revised language to address 2016 IRWM Plan Standards
  - ✓ Updated objectives and strategies to address impacts of the drought and new legislation/regulation
  - ✓ Added an objective and strategy on SGMA


- ### Revised Goals, Objectives, and Strategies
- ✓ Updated status of programs and projects referenced in the 2013 ARB IRWMP
  - ✓ Updated numbers in strategies on regional recycled water use; and surface water treatment, groundwater production, and water storage capacity
  - ✓ Incorporated or removed Parking Lot Strategies identified in the 2013 IRWMP

## Resource Management Strategies (RMS)

- Updated text to include changes to RMS from the 2013 California Water Plan
- One RMS added: snow fences. No strong application to ARB Region




## 8. Discussion and Input on Project Scoring and Vetting Process




## Project Scoring and Vetting Process

- Stakeholders enter projects into Opti
- If applicable, projects are scored by RWA and assigned to one of four tiers for implementability and addressing regional priorities.
- All scored and non-scored projects are vetted by stakeholders on a quarterly basis
- The final vetted list of projects is the list of projects selected for inclusion in the IRWMP



## ARB IRWMP 2013 Update Project Scoring Sheet

Regional Priorities Score	Possible Point Value	Points Assigned	Comments
Objectives (max 3 points)			
Meets 1	2		
Meets 2	4		
Meets 3	6		
Meets 4	8		
Score (max 3 points)	Address more than one IRWMP goal	3	
Resource Management Strategies (max 3 points)	Address more than one DMW Resource Management Strategy	3	
Strategic Considerations (max 4 points)			
1 Includes multiple partners	1		
2 Single purpose, but part of broader plan implementation	1		
3 Provides benefit beyond project proposal	1		
4 Responsibly institutionalized for added benefit	1		
5 Part of Water Forum Agreement or other regional or collaborative plan	1		
6 Data to be collected and shared from project	1		
Benefits to local disadvantaged community or tribal community (max 1 point)			
Benefits to local disadvantaged community or tribal community (max 1 point)	Total	0	
Regional Priorities Score Tiers			
Tier 1 = 10 points or more	Tier 3 = 4 to 7 points		
Tier 2 = 8 to 9 points	Tier 4 = 3 points or less		
Implementability Score	Possible Point Value	Points Assigned	Comments
Needs to start construction or implementation within 3 years, if funding available	1		
Project Status section of Feasibility tab is complete	1		
Project Funding and Project Cost Breakdown sections of Cost/Funding tab are complete	1		
Benefits section of Benefits tab is complete with explanations	1		
Benefits section of Benefits tab is complete with explanations	Total	0	
Implementability Score Tiers			
Tier A = 4 points	Tier C = 2 points		
Tier B = 3 points	Tier D = 1 point		
Comments			




## ARB Project Review Score Tiers

Project Alignment with Regional Priorities


1A	1B	1C	1D
2A	2B	2C	2D
3A	3B	3C	3D
4A	4B	4C	4D

Project Implementability



## ARB IRWMP 2018 Update Project Scoring Sheet

Regional Priorities Ranking	Possible Point Value	Points Assigned	Comments
Objectives (max 3 points)			
Meets 1	2		
Meets 2	4		
Meets 3	6		
Meets 4	8		
Score (max 3 points)	Address more than one IRWMP goal	3	
Resource Management Strategies (max 3 points)	Address more than one DMW Resource Management Strategy	3	
Strategic Considerations (max 3 points)			
1 Includes multiple partners	1		
2 Provides benefit beyond project proposal	1		
3 Responsibly institutionalized for added benefit	1		
4 Necessary as a single purpose, but considered integration opportunity	1		
5 Part of Water Forum Agreement or other regional or collaborative plan	1		
6 Data to be collected and shared from project	1		
Benefits to local disadvantaged community or tribal community (max 1 point)			
Benefits to local disadvantaged community or tribal community (max 1 point)	Total	0	
Regional Priorities Ranking Tiers			
Tier 1 = 10 points or greater	Tier 3 = 6 to 7 points		
Tier 2 = 8 to 9 points	Tier 4 = 5 points or less		
Implementability Ranking	Possible Point Value	Points Assigned	Comments
Needs to commence within 3 years, if funding available	1		
Project Status section of Feasibility tab is complete	1		
Project Funding and Project Cost Breakdown sections of Cost/Funding tab are complete	1		
Benefits section of Benefits tab is complete with explanations	1		
Benefits section of Benefits tab is complete with explanations	Total	0	
Implementability Ranking Tiers			
Tier A = 4 points	Tier C = 2 points		
Tier B = 3 points	Tier D = 1 point		
Comments			





## 9. Next Steps



## Next Steps

Provide suggested revisions to Section 7 – IRWMP  
References by Monday, November 6



## Next Workshop: January 22, 2018

*Draft workshop topics:*

- Project Scoring and Vetting Process
  - Review of revised project scoring process
  - Updates to Opti

